

# United States Department of Agriculture

## MONTHLY LIST OF PUBLICATIONS

JANUARY 1939

Any five of the nontechnical publications listed herein, unless indicated "For sale only," may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the Department's supply lasts. After this supply is exhausted, publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., by purchase at the prices stated herein. His office is not a part of the Department of Agriculture.

Free distribution of technical material and periodicals is restricted.

### FARMERS' BULLETINS

Olive growing in the southeastern United States. C. F. Kinmann, Bureau of Plant Industry. 33 p. illus. (F. B. 1249F., rev.) Price, 5¢.

Stored-grain pests. E. A. Back and R. T. Cotton, Bureau of Entomology and Plant Quarantine. 48 p., illus. (F. B. 1260F., rev.) Price, 10¢.

Dairy cattle breeds. Amer B. Nystrom, Bureau of Dairy Industry. 34 p., illus. (F. B. 1443F., rev.) Price, 5¢.

Wheat smuts and their control. R. W. Leukel, J. A. Faris, V. F. Tapke, and H. A. Rodenisher, Bureau of Plant Industry. 18 p. illus. (F. B. 1711F., rev.) Price, 5¢.

Blue mold (downy mildew) disease of tobacco. E. E. Clayton, Bureau of Plant Industry, John G. Gaines, Coastal Plain Experimental Station, and Georgia College of Agriculture, Thomas E. Smith and Kendall J. Shaw, North Carolina Agricultural Experiment Station, and W. M. Lunn, South Carolina Agricultural Experiment Station. 20 p., illus. (F. B. 1799F., rev.) Price, 5¢.

Hard red winter wheat varieties. K. S. Quisenberry and J. Allen Clark, Bureau of Plant Industry. 18 p., illus. (F. B. 1806F.) Price, 5¢.

### LEAFLETS

The pasteurization of milk. C. J. Babcock, Bureau of Dairy Industry. 4 p. (Leaf. 177L.) Price, 5¢.

### TECHNICAL BULLETINS

The field cricket in relation to the cotton plant in Louisiana. J. W. Folsom and P. A. Woke, Bureau of Entomology and Plant Quarantine. 28 p., illus. (T. B. 642T.) Price, 10¢.

Changes in weedy plant cover on cleared sagebrush land and their probable causes. R. L. Piemeisel, Bureau of Plant Industry. 44 p., illus. (T. B. 654T.) Price, 10¢.

Cost of producing extracted honey in California. R. L. Adams, California Agricultural Experiment Station and University of California, and Frank E. Todd, Bureau of Entomology and Plant Quarantine, in cooperation with the Giannini Foundation of Agricultural Economics, University of California. 35 p. (T. B. 656T.) Price, 10¢.

Relative merits of producing creep-fed, feeder, and lot-fattened calves in the Appalachian region. E. W. McComas, Bureau of Animal Industry, and C. V. Wilson, West Virginia Agricultural Experiment Station. 12 p. (T. B. 664T.) Price, 5¢.

### CIRCULARS

Soil erosion in the karst lands of Kentucky. S. N. Dicken and H. B. Brown, Jr., Soil Conservation Service. 62 p., illus. (Cir. 490C.) Price, 15¢.

Pecan soils of the Gulf and Southeastern States and maintenance of their fertility. J. J. Skinner, E. D. Fowler, and A. O. Alben, Bureau of Plant Industry. 24 p., illus. (Cir. 492C.) Price, 10¢.

**Time of irrigating potatoes as affecting stolon growth and tuber set and development.** W. C. Edmundson, Bureau of Plant Industry, in cooperation with the Colorado State Board of Agriculture and the Colorado Agricultural Experiment Station. 18 p., illus. (Cir. 496C.) Price, 5¢.

**Composition of the rhizome, stem, and leaf of some horticultural forms of canna in relation to their possible use.** C. W. Culpepper and H. H. Moon, Bureau of Plant Industry. 22 p., illus. (Cir. 497C.) Price, 5¢.

**The Sebago potato, a new variety resistant to late blight.** F. J. Stevenson and C. F. Clark, Bureau of Plant Industry, in cooperation with the Maine Agricultural Experiment Station. 7 p., illus. (Cir. 503C.) Price, 5¢.

**Early winter food of ruffed grouse on the George Washington National Forest.** A. L. Nelson, Bureau of Biological Survey, Talbott E. Clarke, Forest Service, and W. W. Bailey, Virginia Commission of Game and Inland Fisheries. 38 p., illus. (Cir. 504C.) Price, 10¢.

**Diets of families of employed wage earners and clerical workers in cities.** Hazel K. Stiebeling and Esther F. Phipard, Bureau of Home Economics. 141 p., illus. (Cir. 507C.) Price, 15¢.

**Air-blast gin performance and maintenance.** Arvid J. Johnson, Bureau of Agricultural Economics, and Thomas L. Baggette, Bureau of Agricultural Engineering. 18 p., illus. (Cir. 510C.) Price, 5¢.

#### MISCELLANEOUS PUBLICATIONS

**The service of Federal grain standards.** Bureau of Agricultural Economics. 18 p., illus. (M. P. 328M.) Price, 5¢.

**The land in flood control.** Office of Land Use Coordination. 38 p., illus. (M. P. 331M.) Price, 10¢.

#### SERVICE AND REGULATORY ANNOUNCEMENTS

**Animals and animal products.** Bureau of Animal Industry. 1 p. (Amendment 3 to B. A. I. Order 366).<sup>1</sup>

**Regulations governing the inspection and quarantine of livestock imported from or exported to Mexico.** Effective on and after January 16, 1939. Bureau of Animal Industry. 6 p. (B. A. I. Order 368).<sup>1</sup>

**Bureau of Animal Industry. Service and regulatory announcements.** November 1938. Pp. 133-141. (S. R. A.-B. A. I. 379.) Price, 5¢.<sup>2</sup>

**Notices of judgment under the Food and Drugs Act.** Food and Drug Administration. Pp. 131-174. (N. J., F. D. 29301-29425). Foods.<sup>2</sup>

**Prosecutions and seizures under the interstate clause (sec. 6) of the Federal Seed Act.** (July 1, 1936, to June 30, 1938; 121-138.) Service and regulatory announcements. Bureau of Plant Industry. 5 p. (S. R. A.-B. P. I. 24.).<sup>1</sup>

#### SOIL SURVEYS

**Ohio, Athens County.** (No. 32, series 1932.) 39 p., illus. Price, 40¢.

#### STATISTICAL BULLETINS

**Statistics of forest products in the Rocky Mountain States.** R. V. Reynolds and A. H. Pierson, Forest Service. 29 p. (S. B. 64S.) Price, 10¢.

**Stumpage and log prices for the calendar year 1937.** Henry B. Steer, Forest Service. 61 p. (S. B. 66S.) Price, 15¢.

<sup>1</sup> These may be obtained from the issuing bureau.

<sup>2</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

Indicate below, by numbers IN NUMERICAL ORDER, bulletins desired. In order to assure prompt delivery detach this frank and return in stamped envelope to United States Department of Agriculture, Office of Information, Washington, D. C. List no more than five publications. If more are desired, please apply to Superintendent of Documents, Government Printing Office, Washington, D. C., enclosing remittance to cover cost of publication. Be sure to fill in blank form on reverse side.

| Farmers' Bulletins | Leaflets | Other publications |
|--------------------|----------|--------------------|
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#### REPRINTS FROM 1938 YEARBOOK

1608. Public purposes in soil use. Pp. 47-59. Illus.  
1609. The problem: Land unfit for farming in the humid areas. Pp. 60-67. Illus.  
1610. The problem: Subhumid areas. Pp. 68-76. Illus.  
1611. The problem: Drained areas and wildlife habitats. Pp. 77-83. Illus.  
1612. The problem: The nation as a whole. Pp. 84-110. Illus.  
1613. The causes: Traditional attitudes and institutions. Pp. 111-136.  
1614. The causes: Defects in farming systems and farming tenancy. Pp. 137-157. Illus.  
1615. The causes: Imperfections in agricultural finance. Pp. 158-170. Illus.  
1616. The causes: Price relations and economic instability. Pp. 171-197. Illus.  
1617. The remedies: Education and research. Pp. 198-222. Illus.  
1618. The remedies: Policies for public lands. Pp. 223-240.  
1619. The remedies: Policies for private lands. Pp. 241-264.  
1620. The remedies: Changes in agricultural finance. Pp. 265-278.  
1621. The remedies: Direct aids to farmers. Pp. 279-288.  
1623. The soil and the law. Pp. 296-318.  
1626. Loss of soil organic matter and its restoration. Pp. 347-360. Illus.  
1630. Crop rotation. Pp. 406-430. Illus.

#### AGRICULTURAL ADJUSTMENT ADMINISTRATION

NCR Leaflet No. 301. 1939 AAA farm program. 4 p., illus.<sup>3</sup>  
GCM-6-Major economic trends in the dry edible bean industry. Reed K. Pond. 23 p., illus.<sup>3</sup>  
DM-5-Municipal milk distribution in Tarboro, North Carolina. A. J. Nixon and O. M. Reed. 30 p.<sup>3</sup>

#### PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

**Agricultural situation.** Vol. 23, No. 1, January 1939. Price, 5¢ a copy; 50¢ a year, domestic; 70¢ a year, foreign.<sup>2</sup>

**Crops and markets.** Vol. 15, No. 12, December, 1938. Price, 10¢ a copy; \$1.00 a year, domestic; \$1.50 a year, foreign.<sup>2</sup>

**Daily weather maps.** Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price, daily, except Sundays and holidays, 25¢ a month, \$3 a year; daily, including Sundays and holidays, 30¢ a month, \$3.60 a year. Sunday and holiday maps only, 50¢ a year. Foreign subscription, \$7.25 a year. Maps DI, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations through the United States, 20¢ a month, \$2.40 a year.<sup>2</sup>

**Experiment station record.** Vol. 78, Index number; vol. 80, no. 2, February 1939. Price \$1 per volume (2 volumes a year) consisting of 6 monthly numbers and index; \$1.75 per volume, foreign. Single numbers for sale only. Price 15¢.<sup>2</sup>

<sup>2</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

<sup>3</sup> These may be obtained free upon application to the Agricultural Adjustment Administration.



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Extension service review. Vol. 10, No. 1, January 1939. Illus. Price, 10¢ a copy; 75¢ a year, domestic; \$1.15 a year, foreign.<sup>2</sup>

Fire control notes. Vol. 3, No. 1. January 1939. Price, 15¢ a copy; 50¢ a year, domestic.

Journal of agricultural research. Price, \$3.25 a year, domestic; \$4.75 a year, foreign. Each issue, 15¢, domestic; 20¢, foreign. Separates, 5¢, domestic; 8¢, foreign.<sup>2</sup> *Not distributed free to individuals.*

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

Separates. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made. Others interested may purchase copies from the Superintendent of Documents, Washington, D. C., at 5¢ each. The Office of Information has none for general distribution.

A-186. (In vol. 57, No. 5.) Effect of infestation with the nematode *Cooperia curicei* on the nutrition of lambs. John S. Andrews.

G-1101. (In vol. 57, No. 4.) Preliminary biochemical studies on effects of certain environmental factors on development and composition of the peanut. Samuel L. Jodidi.

G-1105. (In vol. 57, No. 6.) Seasonal variations in the carbohydrates and nitrogen content of roots of bearing pecan trees. C. L. Smith and J. G. Waugh.

G-1107. (In vol. 57, No. 8.) Studies on probable damage by blister rust in some representative stands of young western white pine. Thomas W. Childs and J. W. Kimmye.

Iowa-30. (In vol. 57, No. 6.) Toxic and repellent properties of some inorganic compounds and mixtures in grasshopper baits. Charles H. Richardson and Edwin J. Seiferle.

K-296. (In vol. 57, No. 5.) Influence of Japanese beetle instar on the sex and population of the parasite *Tiphia popillavora*. M. H. Brunson.

S. Dak.-2. (In vol. 57, No. 5.) A comparison of the vitamin D potency of the stemmy and leafy portions of alfalfa hay. G. C. Wallis.

Wis.-96. (In vol. 57, No. 7.) Some physiological studies of crown gall and contiguous tissue. R. Nagy and A. J. Riker.

Wis.-97. (In vol. 57, No. 6.) Proteolytic activity in relation to the blackening of potatoes after cooking. A. Frank Ross and W. E. Tottingham.

Monthly weather review. Vol. 66, No. 10, October 1938. Illus. Price, 20¢ a copy; \$2.00 a year, domestic; \$2.75 a year, foreign.<sup>2</sup> Not for general distribution.

Public roads. Vol. 19, No. 11, January 1939. Price, 10¢ a copy; \$1 a year, domestic; \$1.50 a year, foreign.<sup>2</sup>

Soil conservation. Vol. 4, No. 7, January 1939. Price, 10¢ a copy; \$1 a year, domestic; \$1.50 a year, foreign.<sup>2</sup>

Weekly weather and crop bulletin. Nos. 1-4, January 3-24, 1939. Price, 50¢ a year, domestic; \$1 a year, foreign.<sup>2</sup>

<sup>2</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.